

Table 1. General Program Information

<b>Program Name</b>	<b>Location</b>	<b>Year Founded</b>	<b>Primary Organization(s)</b>	<b>Financing<sup>1</sup></b>	<b>Program Type</b>
BushTender	Victoria, AU	2001	Dept. of Sustainability & Environment	Government	Voluntary
CA Healthy Soils Program (CA HSP)	California	2016 <sup>2</sup>	California Department of Food and Agriculture	Compliance	Voluntary
Conservation Stewardship Program (CSP)	U.S.	2008	USDA NRCS	Government	Voluntary
Forest Carbon Project	Vermont	2009	Cold Hollow to Canada & Vermont Land Trust	User	Voluntary
Glastir	Wales, UK	2009	Welsh Assembly Government	Government	Voluntary
Lake Taupo	Lake Taupo catchment area, New Zealand	2011	Lake Taupo Protection Trust	Government	Compliance with voluntary components
Soil and Water Outcomes Fund	Particular counties in Illinois, Iowa, Ohio, and the Chesapeake Watershed <sup>3</sup>	2019 <sup>4</sup>	Iowa Department of Agriculture and Land Stewardship (IDALS)	Users, including government municipalities	Voluntary
Sustainable Farming Incentive	England	2021	Department for Environment Food and Rural Affairs	Government	Voluntary
Truterra/Land O'Lakes	National	2016	Land O'Lakes Sustain	User or mixed user-government	Voluntary
Vermont Payment for Phosphorus Program	Vermont	2021	Vermont Agency of Agriculture, Food and Markets	Compliance and Government	Voluntary

1. Financing is either categorized as user, government, or compliance.

2. Founded in 2016 due to 2015 CA Healthy Soils Initiative.

3. Eligible counties within the Chesapeake Watershed are in the following states: Delaware, Maryland, New York, Pennsylvania, Virginia, West Virginia.

4. Created as a result of Iowa's 2013 Nutrient reduction strategy.

Table 2. Market Information

<b>Program Name</b>	<b>Market Type</b>	<b>Buyer</b>	<b>Performance or Practice</b>	<b>Baseline or Threshold<sup>1</sup></b>	<b>Ecosystem Services Paid For</b>
BushTender	Reverse-Auction	Government	Practice	Baseline	Biodiversity (of native vegetation)
CA Healthy Soils Program (CA HSP)	N/A, government conservation incentives	Government and private companies	Practice	Baseline	Carbon sequestration, carbon, nitrous oxide, and methane reduction,
Conservation Stewardship Program (CSP)	N/A, government conservation incentives	Government	Practice	Baseline	Various, based on state resource priorities
Forest Carbon Project	Open Market, Aggregate	Government, private companies, and individuals	Performance	Threshold	Carbon sequestration
Glastir	N/A, government conservation incentives	Government	Practice	Baseline	Biodiversity, soil, water, greenhouse gases, woodlands, access, and recreation
Lake Taupo	Cap and trade	Government and other farmers	Performance	Threshold	Nitrogen loss reduction
Soil and Water Outcomes Fund	Open market	Government and private companies	Performance	Baseline	Carbon and water quality (nitrogen and phosphorus retention)
Sustainable Farming Incentive	Open market	Government	Mix of practice bundling and monitoring	Baseline	Various, including pollinator habitat, downstream water quality, and enhanced soil conservation.
Truterra/Land O'Lakes	Open market	Government and private companies	Performance	Baseline	Carbon
Vermont Payment for Phosphorus Program	Open market	Government	Performance	Threshold	Phosphorus loss reduction

1. When a payment is based on a 'baseline' it factors into account the additionality from improved or added agronomic practices. When a payment is based on a 'threshold' additionality is based on a defined standard.

Table 3. Program Details

<b>Program Name</b>	<b>Required farm type (woodlot, dairy, veggie, farm of certain size, etc.)</b>	<b>Eligible Practices</b>	<b>Minimum Acreage</b>	<b>Other Eligibility Requirements</b>	<b>Contract duration</b>
BushTender	Any landowner with native vegetation	At landowner discretion	n/a	Not specified	5 years
CA Healthy Soils Program (CA HSP)	Varies (Cropland, orchard, grazing)	Wide ranging, not limited to no-till, extended rotations, cover cropping, retiring land, wind barriers, etc. <sup>1</sup>	Not specified.	Applications must use the CDFA HSP Re-Plan Tool	3 years
Conservation Stewardship Program (CSP)	No required farm type	Various	None	Comply with USDA erodible and wetland provisions, exceed "stewardship threshold" for at least 2 priority resource concerns, have a Farm number registered with FSA, and receive <\$900,000 annual AGI.	5 years
Forest Carbon Project	Woodlot	Forest, Not specified <sup>2</sup>	500 acres <sup>3</sup>	450 of the 500 acres enrolled must be forested	40 years <sup>3</sup>
Glastir	Owners of Agricultural land in Wales	Various	7.4 acres	Meet whole farm code and points threshold	5 years
Lake Taupo	Mainly sheep farms	Only controlled activities (larger-scale farming) eligible for NDA trading	By leaching rate instead of acreage	N/A	1 year
Soil and Water Outcomes Fund	Not specified	No-till, cover crops, land retirement, conversion to pasture, extended rotations	Not specified.	Not specified	1 year
Sustainable Farming Incentive	No required farm type	Farming	n/a	No existing agri-environment agreement	1 year
Truterra/Land O'Lakes	Not specified	Includes, but may not be limited to: cover cropping, reduced tillage, extended crop rotations	Not specified.	Not specified	1 year
Vermont Payment for Phosphorus Program	No required farm type	Farming	n/a	Up to date NMPs and RAPs	1 year, renewable

1. CA Healthy Soils solicits public to input new practices for payment consideration.

2. Implied eligible practices for the Carbon Forest Program include allowing trees to mature, managing for diverse types and age of trees and understory.

3. Typical forest carbon sequestration contract is 100 years.

Table 4. Required data and verification method

<b>Program Name</b>	<b>Data required</b>	<b>Baseline required</b>	<b>3rd Party Verification Required</b>	<b>Modeling Software</b>	<b>Verification schedule</b>
BushTender	Landowner records	Yes	No, government verified	n/a	Annual
CA Healthy Soils Program (CA HSP)	Three years of baseline data	Yes	Yes, practices are verified by CDFA environmental scientists	CDFA HSP Re-Plan Tool	Annual
Conservation Stewardship Program (CSP)	Landowner records	Yes	No, government verified	n/a	Annual
Forest Carbon Project	3rd party conducts assessments	Yes	Yes	SIG Carbon provides modeling software	Annual
Glastir	Landowner records	No	Yes		Annual
Lake Taupo	All records and information needed to determine nutrient leaching cap by Overseer model. Annual accounting records to Regional Council.	Yes	Yes	Overseer (nutrient modeling)	1-2 checks per year
Soil and Water Outcomes Fund	Baseline and future cropping information	Yes	Yes, Sustainable Environmental Consultants via the EcoPractices platform	Quantified Ventures	Annual
Sustainable Farming Incentive	Documentation of actions, supporting evidence, learning activities, annual declaration	No	Yes	n/a	Not specified
Truterra/Land O'Lakes	Three years of baseline data	Yes	No, Truterra provides the data management and modeling.	Truterra Insights Engine	Annual
Vermont Payment for Phosphorus Program	All nutrient management info into FarmPREP for the upcoming season and twice during the season.	Yes (TMDL)	Yes, to be determined	FarmPREP	Annual

Table 5. Payment information

Program Name	Payment range	Payment per unit	Other payments to producers
BushTender	Determined through auction	determined through auction	Initial upfront payment upon signing the Management Agreement
CA Healthy Soils Program (CA HSP)	Depends on the field type and practice. Has very thorough table.	\$/acre	Not specified
Conservation Stewardship Program (CSP)	NRCS pays a minimum \$1,500 per year and a maximum of \$40,000 per year	Payments vary by state and are allocated on a per acre basis	None
Forest Carbon Project	\$25-47 per acre	Not specified	In some cases, CHC can help minimize legal fees and baseline documentation which can range between \$11,000-15,000.
Glastir	US\$19.49 per acre	US \$19.49 per acre	Increased rates for farmers in different Glastir Elements, as well as a per acre payment under the Whole Farm Code.
Lake Taupo	Approx. \$400/kg of N	\$/kgN	Costs of benchmarking (similar to enrollment) and subsequent measuring and monitoring covered by Lake Taupo Protection Trust
Soil and Water Outcomes Fund	average of \$35/acre, highest was \$50 in 2020	Not specified	Not specified
Sustainable Farming Incentive	\$16-\$50 introductory, \$30-\$90 intermediate, \$35-\$110 advanced	Hectares and meters	Learning activities and capital items
Truterra/Land O'Lakes	Most carbon credits are sold between \$10-15/ton/year	\$/ton C	In some cases, initial data entry.
Vermont Payment for Phosphorus Program	Not yet specified	\$/lbP	Initial data entry payment of \$15 per acre